

SPECIFICATION

Please replace the paragraph beginning at page 12, line 17, with the following:

The method and apparatus of the present invention have numerous advantages over redraw techniques. They can reduce the cost of manufacture by 90% or more. The use of a high pushing force with the glass rod 1 (above about five kilograms, preferably about fifteen to forty kilograms) allows glass to be made continuously without airlines, and gives much closer dimensional control and sharper shapes than redraw. Square corners and flat surfaces are easily formed. Double and multiple bore shapes can be continuously formed in this one-step process as opposed to the many steps and complications of other inventions such as the process suggested by aforementioned patent 6,810,691. The method and apparatus provide the ability to run continuously from a source of glass rod such as made by the well-known Vello process and eliminates the problems caused by welding rods or ~~performs~~ preforms together. It will be understood, however, that the relatively inaccurate rods formed by the Vello process may, if desired, be welded together to form a continuous glass feed, or the rods may, if desired, be reformed to closer dimensions by melting and extruding them from a die. Because the present invention can position both the incoming glass rods and the finished tube horizontally, it can eliminate the need for drawing towers. This invention can also be positioned vertically or at any angle in a tower for glass production if desired.

Please replace the paragraph beginning at page 15, line 5, with the following:

The glass melting and forming portions of the apparatus can be heated by not only by resistance heating, but also by radiant, induction heating or by other methods known in the art to produce a desired temperature profile or gradient.